INFORMATION DISCLOSURE				ATTY. DOCKET NO. 1509-256		SERIAL NO. 10/058,047		
PE CITATION IN AN				APPLICANT				
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APPLICATION (PTO-1449) U.S. PATENT C				FILING DATE January 29, 2002		GROUP 2644		
ENT & TRADE		U.	S. PATENT DO	CUMENTS			7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	
EXAMINER'S INITIALS	PATENT NO.	DATE		IAME	chass	SUBCLASS	FILII	
BTP	5,850,455	12/1998	Arnold et al.					
BTP	6,046,722	4/2000	McKiel, Jr.					
BTP	5,826,064	10/1998	Loring et al.					
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					10011	nology Centa	2000	
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EXAMINER'S	T	l ion	LIGITABEIT	DOCOMENIS		<u> </u>	7 Transia	etion
11	PATENT NO.	DATE		UNTRY	CLASS	SUBCLASS/	/ Transla	ation No
EXAMINER'S								
EXAMINER'S INITIALS	PATENT NO. 92/09921 0528743A1	DATE 6/1992 2/1993	CO WO EP					
EXAMINER'S INITIALS 25TP	PATENT NO. 92/09921	DATE 6/1992	co WO					
EXAMINER'S INITIALS STP STP	PATENT NO. 92/09921 0528743A1	DATE 6/1992 2/1993	CO WO EP					
EXAMINER'S INITIALS STP STP	PATENT NO. 92/09921 0528743A1 0966719A2	DATE 6/1992 2/1993 12/1999	CO WO EP EP					
EXAMINER'S INITIALS STP STP STP STP STP	PATENT NO. 92/09921 0528743A1 0966719A2 2360681A	DATE 6/1992 2/1993 12/1999 9/2001	CO WO EP EP GB	UNTRY				
EXAMINER'S INITIALS STP STP STP BTP BTP	PATENT NO. 92/09921 0528743A1 0966719A2 2360681A 2000-322168	DATE 6/1992 2/1993 12/1999 9/2001 11/2000	CO WO EP EP GB JP	UNTRY				
EXAMINER'S INITIALS STP STP STP STP STP STP STP	PATENT NO. 92/09921 0528743A1 0966719A2 2360681A 2000-322168 2000-322168	DATE 6/1992 2/1993 12/1999 9/2001 11/2000 11/2000	CO WO EP EP GB JP JP (English A)	UNTRY bstract)				
EXAMINER'S INITIALS STP STP STP BIP BYP STP STP	PATENT NO. 92/09921 0528743A1 0966719A2 2360681A 2000-322168 2000-322168 8-76919	DATE 6/1992 2/1993 12/1999 9/2001 11/2000 11/2000 3/1996 3/1996	CO WO EP EP GB JP JP (English A JP JP (English A	UNTRY bstract)	CLASS	SUBCLASS		
EXAMINER'S INITIALS STP STP STP BIP BYP STP STP	PATENT NO. 92/09921 0528743A1 0966719A2 2360681A 2000-322168 2000-322168 8-76919 8-76919 OTHER	DATE 6/1992 2/1993 12/1999 9/2001 11/2000 11/2000 3/1996 3/1996 ART (Including al., "Nomaco	CO WO EP EP GB JP JP (English A) JP JP (English A) GRAuthor, Title	bstract)	CLASS Pages, Eaction fo	SUBCLASS/	Yes	No
EXAMINER'S INITIALS STP STP STP STP STP STP STP S	PATENT NO. 92/09921 0528743A1 0966719A2 2360681A 2000-322168 2000-322168 8-76919 8-76919 OTHER Sawhney, N. et in Nomadic Env	DATE 6/1992 2/1993 12/1999 9/2001 11/2000 11/2000 3/1996 3/1996 ART (Including tal., "Nomacon tal., "Nomacon tal., "Audio Hally"	CO WO EP EP GB JP (English A) JP (English A) GE	bstract) bstract) c, Date, Pertinent ech & Audio Inter ce Group, MIT Me	Pages, Eaction foedia Lab,	SUBCLASS/ (c.) Contextual E15-352, Ca	Yes	nging ge,
EXAMINER'S INITIALS BIP BIP BIP BIP BIP BIP BIP BI	PATENT NO. 92/09921 0528743A1 0966719A2 2360681A 2000-322168 2000-322168 8-76919 8-76919 OTHER Sawhney, N. et in Nomadic Env MA Schmandt, C.,	DATE 6/1992 2/1993 12/1999 9/2001 11/2000 11/2000 3/1996 3/1996 ART (Including tal., "Nomacon tal., "Nomacon tal., "Audio Hally"	CO WO EP EP GB JP (English A) JP (English A) GE	bstract) bstract) c, Date, Pertinent ech & Audio Inter ce Group, MIT Me	Pages, Eaction foedia Lab,	SUBCLASS/ (c.) Contextual E15-352, Ca	Yes	nging ge,
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EXAMINER'S INITIALS BIP BIP BIP BIP BIP BIP BIP BI	PATENT NO. 92/09921 0528743A1 0966719A2 2360681A 2000-322168 2000-322168 8-76919 8-76919 OTHER Sawhney, N. et in Nomadic Env MA Schmandt, C.,	DATE 6/1992 2/1993 12/1999 9/2001 11/2000 11/2000 3/1996 3/1996 ART (Including tal., "Nomacon tal., "Nomacon tal., "Audio Hally"	CO WO EP EP GB JP JP (English A) JP JP (English A) GRAuthor, Title dic Radio: Spe Speech Interfa vay: a Virtual (198, San France)	bstract) bstract) c, Date, Pertinent ech & Audio Inter ce Group, MIT Me	Pages, Eaction for edia Lab,	SUBCLASS/ (c.) Contextual E15-352, Ca	Yes	nging ge,

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION				ATTY. DOCKET NO. 1509-256		SERIAL NO. s.n.	10				
				APPLICANT Guillaume BELROSE et al			58047				
(PTO-1449)				FILING DATE HEREWITH		GROUP	1000				
		Ú.	S. PATENT D	OCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME		CLASS	SUBCLASS	FILIN DAT	- 1			
BTP	5,943,427	8/24/99	Massie et al	Massie et al							
1317	6,054,989	4/25/00	Robertson et al					·			
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	1	FOR	EIGN PATENT	DOCUMENTS		1	Transla	34333			
EXAMINER'S INITIALS	PATENT NO. DATE) c	COUNTRY		SUBCLASS	Yes	No			
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			<u> </u>								
						1					
	*******			tle, Date, Pertinen		,					
BTP	Kobayashi, Minoru et al, "Dynamic Soundscape: mapping time to space for audio browsing," CHI 97 Electronic Publications: Papers, http://www.acm.org/sigchi/chi97/proceedings/paper/kob.htm										
BIP	Billinghurst, M. et al, "A Wearable Spatial Conferencing Space," Human Interface Technology Laboratory, Seattle, WA and Advanced Perception Unit, Ipswich, UK										
BiP	Goose, S. et al, "A 3D Audio Only Interactive Web Browser: Using Spatialization to Convey Hypermedia Document Structure," ACM Multimedia '99 10/99, Orlando, FL										
Втр	Sawhney, Nitin et al, " Speaking and Listening on the Run: Design for Wearable Audio Computing," 1998 IEEE.										
BTP	Kyriakakis, C. et al, "Signal Processing, Acoustics, and Psychoacoustics for High Quality Desktop Audio," <u>Journal of Visual Communication and Image Representation</u> , Vol. 9, No. 1, March, pp. 51-61, 1998.										
втр	King, Robert B. et al, "The Impact of Signal Bandwidth on Auditory Localization: Implications for the Design of Three-Dimensional Audio Displays," <u>Human Factors</u> , 1997, 39(2), 287-295.										
EXAMINER				DATE CONSIDERED							
_	322										

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.